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disorders, autoimmune diseases, organ transplant rejection and chronic viral diseases such as HCV or HBV infections. The therapeutic methods of the invention comprise administering molecules that modulate the activity of 8F4, thereby modulating costimulation of T cells. The present invention further provides monoclonal antibodies against the 8F4 molecule and hybridoma cells which produce said monoclonal antibodies. Pharmaceutical compositions comprising molecules that modulate the activity of 8F4 are also provided.

REMARKS

Pursuant to the Notice to File Corrected Application Papers - Filing Date
Granted mailed November 20, 2001 in connection with the above identified application,
Applicant has amended the specification by providing an abstract in compliance with 37 C.F.R.
§ 1.72(b). A copy of page 25 of the specification following entry of the Abstract submitted
herewith is attached hereto as Exhibit A. Support for the Abstract can be found in the
specification as originally filed, for example at page 1, lines 3-30. Accordingly, the
amendments to the specification do not introduce new matter as defined in 35 U.S.C. § 132.

Entry of the amendments and consideration of the remarks made herein is
respectfully requested.

Respectfully submitted,

Date January 22, 2002

Laura A. Coruzzi 30,742
Laura A. Coruzzi (Reg. No.)

By:

Muna Abu-Shaar
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Limited Recognition Under 37 C.F.R. § 10.9(b)
Copy of Certificate Enclosed

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Enclosures